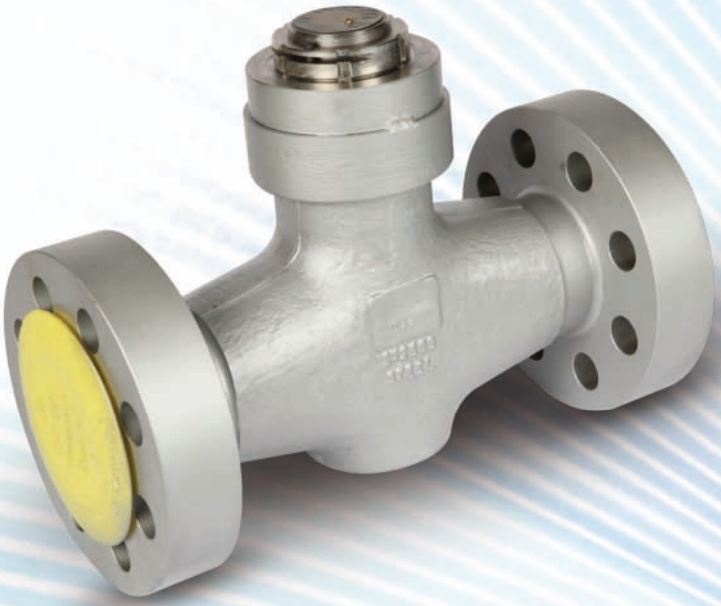
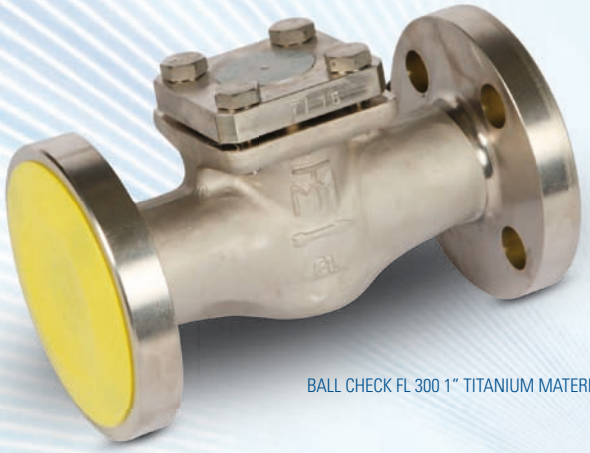
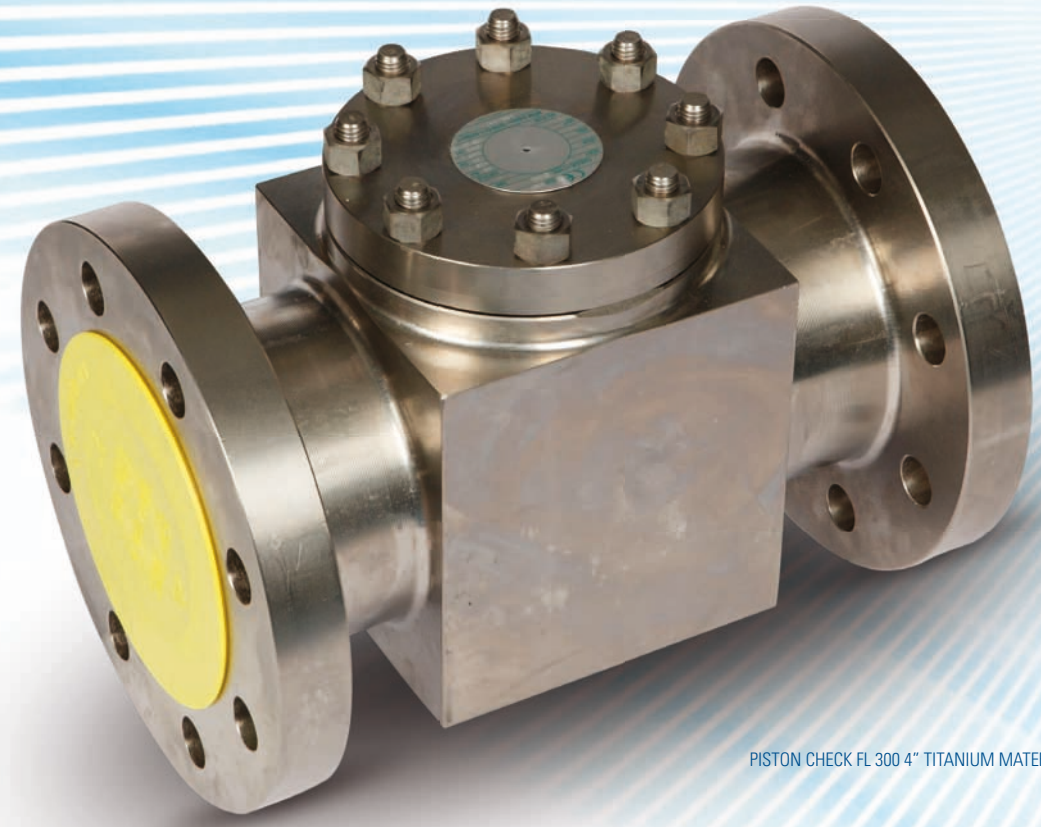


SWING CHECK 2500 2" PRESSURE SEAL
ASTM A350 LF2 MATERIAL

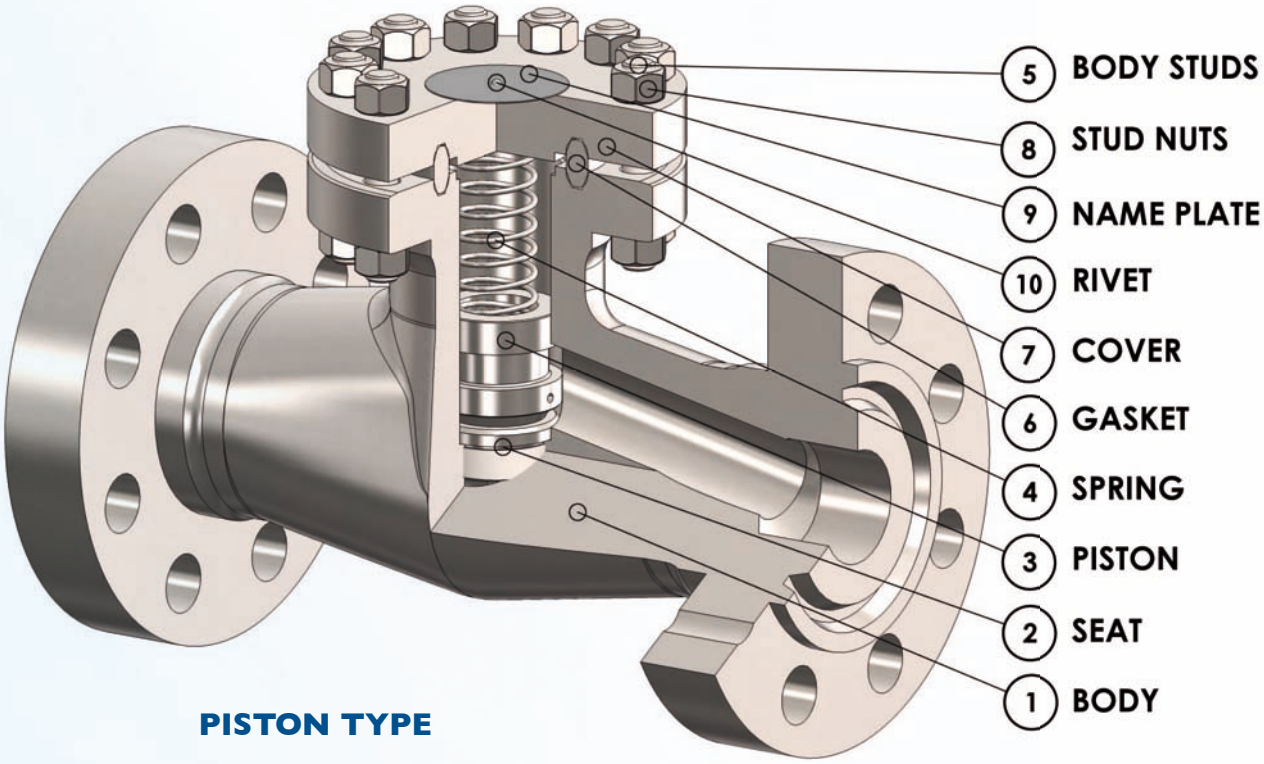


BALL CHECK FL 300 1" TITANIUM MATERIAL

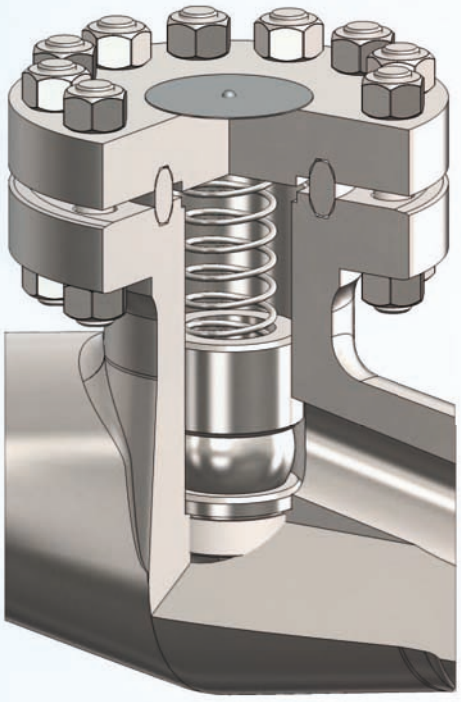


PISTON CHECK FL 300 4" TITANIUM MATERIAL

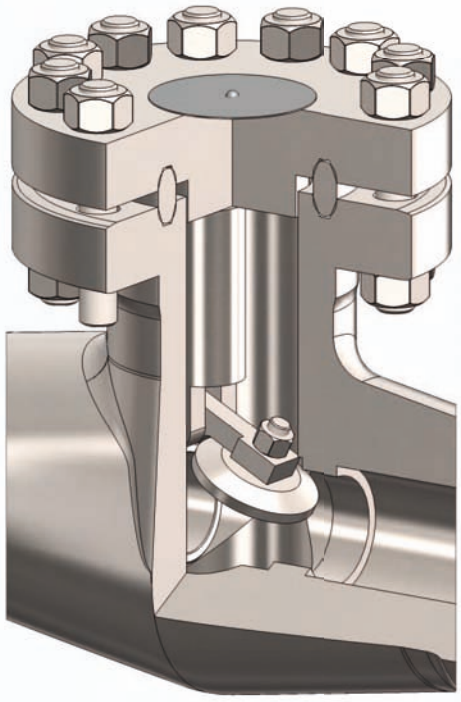
CHECK VALVES



PISTON TYPE

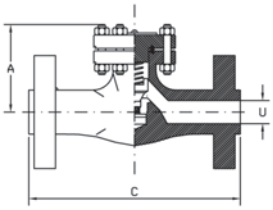


BALL TYPE



SWING TYPE

CHECK VALVES
BOLTED OR WELDED BONNET



CLASS. 2500

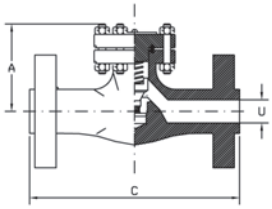
REDUCE BORE

SIZE	A	C	PORT	U	Kg
1/2"					
3/4"					
1"					
1.1/2"					
2"					

FULL BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	115	264	12	18	22	10.4
3/4"	115	273	14	18	22	12.6
1"	144	308	19	24	27	22
1.1/2"	178	384	26	29	43	43.5
2"	221	451	34	36.5	49	80

MOD: 254RF/RJ = PISTON TYPE
MOD: 255RF/RJ = BALL TYPE
MOD: 256RF/RJ = SWING TYPE



CLASS. 1500

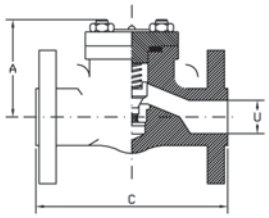
REDUCE BORE

SIZE	A	C	PORT	U	Kg
1/2"					
3/4"					
1"					
1.1/2"					
2"					

FULL BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	96	216	12	12	18	9.2
3/4"	107	229	14	15	22	11.1
1"	115	254	19	22	27	14.7
1.1/2"	144	305	26	34	43	30
2"	178	368	34	38	49	42.5

MOD: 154RF/RJ = PISTON TYPE
MOD: 155RF/RJ = BALL TYPE
MOD: 156RF/RJ = SWING TYPE



CLASS. 600

REDUCE BORE

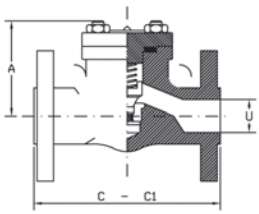
SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	54	165	10	10	18	3.4
3/4"	72	191	14	14	22	4.5
1"	72	216	17	18	27	7
1.1/2"	105	241	29	29	43	12.3
2"	105	292	36	36.5	49	16.7

MOD: 84C = PISTON TYPE R.B.
MOD: 85C = BALL TYPE R.B.
MOD: 86C = SWING TYPE R.B.

FULL BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	62	165	12	14	18	3.4
3/4"	72	190	17	18	22	7
1"	72	216	22	21	27	7
1.1/2"	105	241	35	36.5	43	12.3
2"	128	292	44	50	54	24

MOD: 64C = PISTON TYPE F.B.
MOD: 65C = BALL TYPE F.B.
MOD: 86C = SWING TYPE F.B.



CLASS. 300

REDUCE BORE

SIZE	A	C	* C1	PORT	PORT 1	U	Kg
1/2"	54	152	152	8.5	10	18	3.4
3/4"	72	178	178	12.5	14	22	4.5
1"	72	203	216	17	18	27	7
1.1/2"	105	229	241	24	29	43	12.3
2"	105	267	267	29	36.5	49	16.4

MOD: 84B = PISTON TYPE R.B.
MOD: 85B = BALL TYPE R.B.
MOD: 86B = SWING TYPE R.B.

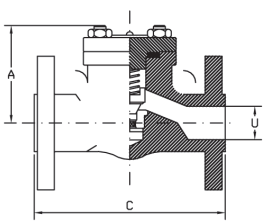
* C1 = SWING TYPE

FULL BORE

SIZE	A	C	* C1	PORT	PORT 1	U	Kg
1/2"	62	152	152	12	14	18	3.4
3/4"	72	178	178	17	18	22	7
1"	72	203	216	22	24	27	7
1.1/2"	105	229	241	32	36.5	43	12.3
2"	128	267	267	36	50	54	24

MOD: 64B = PISTON TYPE F.B.
MOD: 65B = BALL TYPE F.B.
MOD: 86B = SWING TYPE F.B.

* C1 = SWING TYPE



CLASS. 150

REDUCE BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	74	108	10	10	18	3.2
3/4"	74	118	15	14	22	3.9
1"	80	127	17	18	27	4.7
1.1/2"	105	165	24	29	43	9.5
2"	105	203	29	36.5	49	14.3

MOD: 84A = PISTON TYPE R.B.
MOD: 85A = BALL TYPE R.B.
MOD: 86A = SWING TYPE R.B.

FULL BORE

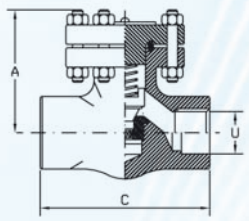
SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	74	108	12	14	18	3.8
3/4"	80	118	16	18	22	4.7
1"	82	127	21	24	27	4.7
1.1/2"	105	165	29	36.5	43	10
2"	128	203	38	50	54	15

MOD: 64A = PISTON TYPE F.B.
MOD: 65A = BALL TYPE F.B.
MOD: 86A = SWING TYPE F.B.

PORT = PISTON/BALL SEAT BORE - PORT 1 = SWING SEAT BORE

CHECK VALVES
BOLTED OR WELDED BONNET

CLASS. 2500



REDUCE BORE

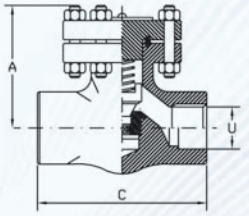
SIZE	A	C	PORT	PORT 1	U	Kg
1/2"						
3/4"						
1"						
1.1/2"						
2"						

FULL BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	108	92	12	14	21.8	5
3/4"	115	114	14	18	27.2	7.3
1"	131	128	19	24	33.9	8
1.1/2"	176	184	26	29	48.8	23.5
2"	188	228	34	36.5	61.2	28.5

MOD: 254SW - 254TH - 254BW F.B. = PISTON TYPE
MOD: 255SW - 255TH - 255BW F.B. = BALL TYPE
MOD: 256SW - 256TH - 256BW F.B. = SWING TYPE

CLASS. 1500 ROUND BONNET RTJ GASKET



REDUCE BORE

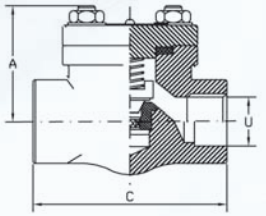
SIZE	A	C	PORT	PORT 1	U	Kg
1/2"						
3/4"						
1"						
1.1/2"						
2"						

FULL BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	96	80	9	12	21.8	5.5
3/4"	107	92	14	15	27.2	6.8
1"	115	114	19	22	33.9	7.5
1.1/2"	144	160	26	34	48.8	17.5
2"	178	184	34	38	61.2	20.2

MOD: 154SW - 154TH - 154BW F.B. = PISTON TYPE
MOD: 155SW - 155TH - 155BW F.B. = BALL TYPE
MOD: 156SW - 156TH - 156BW F.B. = SWING TYPE

CLASS. 1500 SQUARE BONNET SPIRAL WOUND GASKET



REDUCE BORE

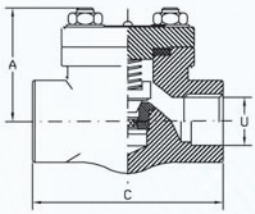
SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	65	90	12.5	14	21.8	1.8
3/4"	72	110	17	14	27.2	2.5
1"	105	130	24	18	33.9	6.5
1.1/2"	105	130	29	29	48.8	9.5
2"	128	160	38	36.5	61.2	14

FULL BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"						
3/4"						
1"						
1.1/2"						
2"						

MOD: 054SW - 054TH - 054BW R.B. = PISTON TYPE
MOD: 055SW - 055TH - 055BW R.B. = BALL TYPE
MOD: 056SW - 056TH - 056BW R.B. = SWING TYPE

CLASS. 800



REDUCE BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	54	80	8.5	10	21.8	1.5
3/4"	62	90	12.5	14	27.2	1.8
1"	72	110	17	18	33.9	2.5
1.1/2"	105	130	24	29	48.8	6.5
2"	105	130	29	36.5	61.2	9.5

MOD: 084SW - 084TH - 084BW R.B. = PISTON TYPE
MOD: 085SW - 085TH - 085BW R.B. = BALL TYPE
MOD: 086SW - 086TH - 086BW R.B. = SWING TYPE

FULL BORE

SIZE	A	C	PORT	PORT 1	U	Kg
1/2"	62	90	12	14	21.8	1.8
3/4"	72	110	16	18	27.2	2.5
1"	105	130	21	24	33.9	6.5
1.1/2"	105	130	29	36	48.8	9.5
2"	128	165	38	50	61.2	14.0

MOD: 064SW - 064TH - 064BW F.B. = PISTON TYPE
MOD: 065SW - 065TH - 065BW F.B. = BALL TYPE
MOD: 066SW - 066TH - 066BW F.B. = SWING TYPE

PORT = PISTON/BALL SEAT BORE - PORT 1 = SWING SEAT BORE

APPLICABLE STANDARDS:

- API 602
- API 600
- UNI EN ISO 15761
- ASME B16.34
- ASME B16.10
- ASME B16.5

OTHER STANDARDS ON REQUEST

MTM reserves to make modifications to improve valves performance without notice